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**PATENT**  
**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

APPLICANT: B. Smolyarov, et al.

SERIAL NO.: 09/717,559

FILED: November 21, 2000

FOR: SAFETY MECHANISM TO  
PREVENT ACCIDENTAL  
PATIENT INJECTION AND  
METHODS OF SAME

EXAMINER: not yet assigned

CASE NO.: 70006780-0008

DATE: March 14, 2001

( GROUP ART UNIT: not yet assigned  
)  
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) Washington, D.C. 20231  
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( Date of Deposit: March 14, 2001  
) JoEllen Hogan 3/14/01  
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**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington D.C. 20231

Dear Sir:

Enclosed herewith is the Information Disclosure Statement of B. Smolyarov, et al., for SAFETY MECHANISM TO PREVENT ACCIDENTAL PATIENT INJECTION AND METHODS OF SAME, Serial No. 09/717,559, filed November 21, 2000.

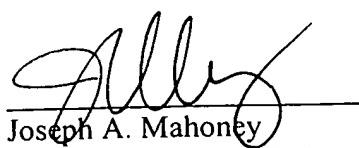
Also enclosed are:      Information Disclosure Statement  
                                    PTO Form 1449  
                                    One (1) copy of 69 references  
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The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.17 concerning the transaction, or to credit any overpayment to Deposit Account 19-3140. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

SONNENSCHEIN NATH & ROSENTHAL

SONNENSCHEIN NATH & ROSENTHAL  
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Phone: (312) 876-8000

By:   
Joseph A. Mahoney  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BET  
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In re the application of: B. Smolyarov, et al.

Serial No.: 09/717,559

Filed: November 21, 2000

For: Safety Mechanism to Prevent Accidental Patient Injection and Methods of Same

Attorney Docket No.: 70006780-0008

Group Art Unit: ~~J~~ not yet assigned

Examiner: ~~E0N~~ not yet assigned R3700

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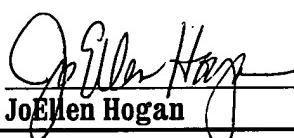
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Date of Signature and of Mail Deposit

  
JoEllen Hogan

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their attorney are aware of the following patents, publications or other information, which are cited on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these forms for the Examiner's consideration.



This statement is not to be interpreted as a representation that the cited publications material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 19-3140.

Respectfully submitted,  
SONNENSCHEIN NATH & ROSENTHAL

  
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Registration No. 38,956  
Attorney for Applicant(s)

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REV 7-80

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

70006780-0008

SERIAL NO.

09/717,559

LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT		
Safety Mechanism to Prevent Accidental Patient Injection and Methods of Same		FILING DATE	Group	Not yet assigned
		November 21, 2000		

#### US. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,057,349	10/9/62	Ismach			
		4,103,684	8/1/78	Ismach			
		4,165,739	8/28/79	Doherty et al.			
		4,722,728	2/2/88	Dixon			JAN 17 2002 RECEIVED
		4,874,367	10/17/89	Edwards			
		5,049,125	9/17/91	Accaries et al.			
		5,062,830	11/5/91	Dunlap			
		5,256,142	10/26/93	Colavecchio			
		5,279,608	1/18/94	Cherif Cheikh			

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#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
		257697	11/68	Smolyarov et al. (Russia)			
		373005	03/71	Smolyarov et al. (Russia)	A61M 5/30		
		476876	10/77	Smolyarov et al. (Russia)			

#### OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

Examiner _____ Date Considered _____			
*EXAMINER		Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO 70006780-0008	SERIAL NO. 09/717,559
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#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,354,286	10/11/94	Mesa et al.			
	5,456,388	10/10/95	Honstein et al.			
	5,512,043	4/30/96	Verkaart			
	5,520,639	5/28/96	Peterson et al.			
	5,536,249	7/16/96	Castellano et al.			
	5,569,189	10/29/96	Parsons			
	5,569,209	10/29/96	Roitman			
	5,573,767	11/12/96	Dufour et al.			
	5,584,182	12/17/96	Althaus et al.			
	5,593,390	1/14/97	Castellano et al.			
	5,599,302	2/4/97	Lilley et al.			
	5,618,268	4/8/97	Raines et al.			
	5,620,434	4/15/97	Brony			
	5,643,211	7/1/97	Sadowski et al.			
	5,697,917	12/16/97	Sadowski et al.			

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#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	718111		Smolyarov et al. (Russia)			
	SU 1279636		Smolyarov et al. (Russia)			
	2008932 C1	01/90	Smolyarov et al. (Russia)	A61M 5/30		
	2108117	01/91	Smolyarov et al. (Russia)	A61M 5/30		
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#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,704,911	1/6/98	Parsons			
	5,713,875	2/3/98	Tanner II			
	5,716,346	2/10/98	Farris			
	5,722,953	3/3/98	Schiff et al.			
	5,728,074	3/17/98	Castellano et al.			
	5,730,723	3/24/98	Castellano et al.			
	5,746,714	5/5/98	Salo et al.			
	5,746,733	5/5/98	Capaccio et al.			
	5,769,138	5/23/98	Sadowski et al.			
	5,755,696	5/26/98	Caizza			
	5,776,125	7/7/98	Dudar et al.			
	5,782,802	7/21/98	Landau			
	5,785,688	7/28/98	Joshi et al.			
	5,788,675	8/4/98	Mayer			
	5,800,388	9/1/98	Schiff et al.			

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APPLICANT

B. Smoliarov, et al.

Safety Mechanism to Prevent Accidental Patient Injection and Methods of Same

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,803,078	9/8/98	Brauner			
	5,807,374	9/15/98	Caizza et al.			
	5,814,024	9/29/98	Thomson et al.			
	5,817,082	10/6/98	Niedospial Jr. et al.			
	5,820,601	10/13/98	Mayer			
	5,820,621	10/13/98	Yale et al.			
	5,827,244	10/27/98	Boettger			
	5,830,193	11/3/98	Higashikawa			
	5,832,971	11/10/98	Yale et al.			
	5,833,213	11/10/98	Ryan			
	5,833,668	11/10/98	Aguilar			
	5,833,674	11/10/98	Turnbull et al.			
	5,836,911	11/17/98	Marzynski et al.			
	5,836,923	11/17/98	Mayer			
	5,839,715	11/24/98	Leinsing			
	5,840,061	11/24/98	Menne et al.			

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		FILING DATE  November 21, 2000	Group  Not yet assigned	
Safety Mechanism to Prevent Accidental Patient Injection and Methods of Same				

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( Date of Deposit: March 14, 2001  
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(  
) Jo Ellen Hogan Date  
(

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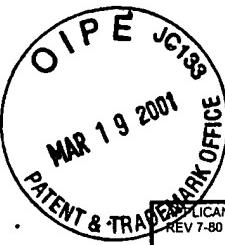
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By:

  
Joseph A. Mahoney  
Registration No. 38,956

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ATTY DOCKET NO

70006780-0008

SERIAL NO.

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B. Smolyarov, et al.  
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Safety Mechanism to Prevent Accidental Patient  
Injection and Methods of Same

FILING DATE

November 21, 2000

Group

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Not yet assigned

TECHNOLOGY CENTER R3700

US. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,821,891	02/04/58	Gorey			
	3,292,622	12/20/66	Banker			
	3,461,867	08/19/69	Zimmet, et al.			
	3,515,130	9/18/67	Tsujino			
	3,518,990	07/07/70	Banker			
	3,540,444	11/17/70	Moreland			
	3,788,315	01/29/74	Laurens			
	3,853,125	12/10/74	Clark, et al.			
	4,124,024	11/7/78	Schwebel, et al.			
	4,266,541	05/12/81	Landau			
	4,403,986	09/13/83	Dettbarn, et al.			
	4,592,742	06/03/86	Landau			
	4,596,556	06/24/86	Morrow, et al.			
	4,850,967	07/25/89	Cosmai			
	4,913,699	04/03/90	Parsons			
	5,000,737	03/19/91	Free, et al.			
	5,063,905	11/12/91	Farrell			
	5,085,647	02/10/92	Henderson, et al.			
	5,152,751	10/06/92	Kozlowski			
	5,171,304	12/15/92	Ris, et al.			
	5,190,523	03/02/93	Lindmayer			
	5,222,948	06/29/93	Austin, et al.			
	5,344,144	08/02/94	Alchas, et al.			
	5,399,163	03/21/95	Peterson, et al.			

Examiner

Date Considered

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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO 70006780-0008	SERIAL NO 09/717,559
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Safety Mechanism to Prevent Accidental Patient Injection and Methods of Same		FILING DATE November 21, 2000		Not yet assigned	

### US. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,411,492	05/02/95	Sturman, et al.			
	5,501,666	03/26/96	Spielberg			
	5,503,627	04/02/96	McKinnon, et al.			
	5,520,639	05/28/96	Peterson, et al.			
	5,730,723	03/24/98	Castellano, et al.			
	5,733,600	03/31/98	McCabe			
	5,780,100	07/14/98	McCabe, et al.			
	5,865,796	02/02/99	McCabe			
	5,899,880	05/04/99	Bellhouse, et al.			
	5,938,637	08/17/99	Austin, et al.			
	6,004,286	12/21/99	Bellhouse, et al.			
	6,010,478	01/04/00	Bellhouse, et al.			
	6,013,050	01/11/00	Bellhouse, et al.			
	D422,697	04/11/00	Bellhouse, et al.			
	6,053,889	04/25/00	Heinzen, et al.			
	6,083,197	07/04/00	Umbaugh			
	D428,650	07/25/00	Bellhouse, et al.			
	6,102,896	08/15/00	Roser			

Examiner \_\_\_\_\_ Date Considered \_\_\_\_\_

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	0526772 A1	10.02.93	EP			
	0776224 B1	17.08.95	EP			
	0788386 B1	13.01.99	EP			
	0799064 B1	25.08.99	EP			
	0888790 A1	04.07.97	EP			
	0888791 A1	07.01.99	EP			
	0951917 A2	27.10.99	EP			
	0951917 A3	27.10.99	EP			
	9734652 A1	25.09.97	WO			
	9748485 A1	24.12.97	WO			
	9813470A1	02.04.98	WO			
	9810750	19.03.98	WO			
	9821364	02.04.98	WO			
	9901168 A1	14.01.99	WO			
	9901169 A1	14.01.99	WO			
	9908689 A1	25.02.99	WO			
	9927961 A1	10.06.99	WO			
	0013573 A1	16.03.00	WO			
	0014547 A1	16.03.00	WO			
	0019982 A1	27.04.00	WO			
	0023592 A2	27.04.00	WO			
	0023592 A3	27.04.00	WO			
	0026385 A1	11.05.00	WO			
Examiner			Date Considered			



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OTHER DOCUMENTS

Figge, et al., *Anatomic Evaluation of a Jet Injection Instrument Designed to Minimize Pain and Inconvenience of Parenteral Therapy*, AMER. PRAC., December 1948, Vol. III, No. 4., pp. 197-206.

*Cool Click: A Needle-Free Device for Growth Hormone Delivery*, THE MEDICAL LETTER, Vol. 43 (Issue 1095), January 8, 2001.

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